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(54) Title: POISON/ANTIDOTE GENETIC SYSTEMS FOR THE SELECTION OF GENETICALLY MODIFIED EUCARYOTE CELLS OR ORGANISMS

(57) Abstract: The present invention is related to a recombinant eucaryote cell or organism having incorporated in its genome a genetic construct made of at least one nucleotide sequence encoding a toxic gene (TOX) under the control of an inducible promoter/operator genetic sequence and possibly a selectable marker. The present invention is also related to a production and selection method of genetically modified eucaryote cells or organisms having integrated into their genome foreigner (exogenous) DNA fragment(s) by using said recombinant eucaryote cells or organisms.



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